Exercise 3: Import a Less Structured Data from an Excel File

Continue with your Power BI file from the previous exercise. You want to import an Excel report containing population data for the countries that VanArsdel operates.

1. Download the zip file containing the Country Population data. (Data is a subset of the "World Data Bank's Population, total" dataset). Extract the file to "C:\DAT207x". You can use other folders, but if you are going to use the starter file provided at each lab instead of your own file, then it is recommended to use the absolute path given above in order to successfully perform the schedule refresh in Lab 4.

2. Import the data from the file folder by using the **Get Data**. To do this, click the **Get Data / Excel** option. Select the Excel file and select the sheet containing the Country Population data.

3. Edit the query and perform the following steps:

   - Name the Query **Country Population**.

   - Remove the first four rows of the table.

   - Promote the row that represents the title of the column to the table headers.

   - Transform the yearly columns to rows and name the resulting columns appropriately. (Hint: You might find the **Unpivot Columns** or **Unpivot Other Columns** feature useful).

   - Rename the resulting columns to **Year** and **Population** respectively.

- Filter out the year **1999**.

- Set the **Data Type** of both the **Year** and **Population** columns to **Whole Number**.

4. Load the data into Power BI Desktop.

5. Explore the imported data in the **Data** View.

Lab Questions

4.0/4.0 points (graded)
Answer the following question by reviewing the imported data in Power BI Desktop. (Hint: Use the Data view).

How many rows were imported from the Country Population query?

75 ✔

75

How many distinct values of the Year column were imported from the Country Population query?

15 ✔

15

Submit   You have used 2 of 2 attempts